

ABSTRACT

A side airnet cushioning and restraint device for a vehicle configured to be inflated and deployed on a side of a vehicle between a front pillar and a rear pillar of the vehicle via an inflator during a side impact accident, a rollover accident, or a side impact and a rollover accident, the side airnet comprising: an inflatable net operatively connected to the inflator having a top edge secured at a point above the vehicle's side windows and between the front pillar and the rear pillar, and a lower edge extending below the vehicle's side windows and between the front pillar and the rear pillar; a cable tensioner operatively connected to the inflator; a retention cable anchored at the front pillar and the rear pillar and fed through guides near the lower edge of the inflatable net and operatively engaged by the cable tensioner.